

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Mark Edward KANE, et al.

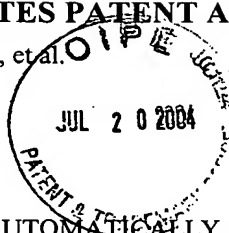
GROUP ART UNIT: 3617

DOCKET NO. 3805-023-27 CONT

SERIAL NO: 10/619,425

FILED: July 16, 2003

FOR: METHOD AND SYSTEM FOR AUTOMATICALLY ACTIVATING A WARNING DEVICE ON A TRAIN



EXAMINER: Frantz F. Jules

TERMINAL DISCLAIMER

ASSISTANT COMMISSIONER FOR PATENTS
PO BOX 1450
ALEXANDRIA, VA 22313-1450

SIR:

Now comes the undersigned, Attorney of Record in the present application, who avers as follows:

Quantum Engineering, Inc. is the owner of the entire right, title and interest in and to the invention claimed and disclosed in the above-captioned patent application by virtue of assignment.

Quantum Engineering, Inc. hereby disclaims the terminal part of any patent granted on the above-captioned application, which would extend beyond the expiration date of the full statutory term as presently shortened by any terminal disclaimer of Patent No. 6,609,049, and hereby agrees that any patent so granted on said above-captioned application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to United States Patent No. 6,609,049, this agreement to run with any patent granted on the above-captioned application and to be binding upon the grantee, its successors or assigns.

Quantum Engineering, Inc. does not disclaim any terminal part of any patent granted on the above-captioned application that would extend to the full statutory term as presently shortened by any terminal disclaimer of Patent No. 6,609,049 in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. 1.321(a), has all claims canceled by a reexamination certificate, or is otherwise terminated prior to the expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

Respectfully Submitted,

PIPER RUDNICK LLP

7/20/04

Date Signed

A handwritten signature of Steven B. Kelber.

Steven B. Kelber

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55.00 OP



FEE TRANSMITTAL

Docket No.	3805-023-27 CONT
Serial No.	10/619,425
Filing Date	July 16, 2003
Inventor(s)	Mark Edward KANE, et al.
Group Art Unit	3617
Examiner	Frantz F. Jules

TOTAL AMOUNT OF PAYMENT \$0.00

1. ☒ Applicant claims small entity status.

☐ Charge any **UNDERPAYMENT** or credit any **OVERPAYMENT** in the indicated fees to Deposit Account No. 50-1442.

☐ Charge the indicated fees to Deposit Account No. 50-1442.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge-late filing fee or oath	
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English Specification	
1251	110	2251	55	1-mo. ext. of time	
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				\$0.00	
1402	330	2402	165	Appeal Brief	

2. EXTRA CLAIM FEES

tot. claims	20	-	20*	=	0	x	\$9	=	0	1501	1330	2501	665	Utility/Reissue Issue Fee		
ind. claims	2	-	3*	=	0	x	\$43	=	0	1502	480	2502	240	Design Issue Fee		
<input type="checkbox"/>	Multiple Dependent Claims						\$145	=		1504	300	1504	300	Publication Fee		
Large Entity		Small Entity		Fee Description						8001	3	8001	3	Advance Copy of Patent		
Fee Code	Fee (\$)	Fee Code	Fee (\$)							1460	130	1460	130	Petitions to the Commissioner		
1202	18	2202	9	Claims in excess of 20						1806	180	1806	180	IDS Submission		
1201	86	2201	43	Independent claims in excess of 3						8021	40	8021	40	Assignment recordation		
1203	290	2203	145	Multiple dependent claim, if not paid						1801	770	2801	385	For Filing RCE		
1204	84	2204	43	*Reissue independent claims over original patent						1814	110	2814	55	Terminal Disclaimer	55.00	
1205	18	2205	9	*Reissue claims in excess of 20 and over original patent						OTHER (indicate below):						

* or number previously paid, if greater; For Reissues, see above

SUBTOTAL (3) \$0.00

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